

STANDARDS CHART FOR RENDEZVOUS WITH A COMET

	<u>INDIANA SCIENCE STANDARDS</u>	<u>ILLINOIS SCIENCE STANDARDS</u>	<u>ILLINOIS PHYSICAL EDUCATION STANDARDS</u>	<u>COMMON CORE STATE STANDARDS FOR MATHEMATICS</u>	<u>COMMON CORE STATE STANDARDS FOR ENGLISH/LANGUAGE ARTS</u>	<u>NEXT GENERATION SCIENCE STANDARDS</u>
5TH GRADE	<p><u>I. PROCESS STANDARDS:</u></p> <p>All the process standards (the nature of science and the design process) are taught in the mission.</p> <p><u>II. CONTENT STANDARDS:</u></p> <p>5.1.1 5.1.2 5.1.3</p> <p>5.2.1</p>	<p>11.A.2a 11.A.2b 11.A.2c 11.A.2d 11.A.2e</p> <p>11.B.2c</p> <p>12.B.2a 12.B.2b</p> <p>12.C.2a</p> <p>12.D.2a 12.D.2b</p> <p>12.E.2b</p> <p>12.F.2a 12.F.2c</p> <p>13.A.2c</p> <p>13.B.2a 13.B.2b 13.B.2c 13.B.2e 13.B.2f</p>	<p>20.B.2a</p> <p>21.A.2c</p> <p>21.B.2</p> <p>22.C.2</p> <p>23.A.1</p>	<p>5.OA 3</p> <p>5.NBT 1 5.NBT 2 5.NBT 3 5.NBT 4 5.NBT 5 5.NBT 6 5.NBT 7</p> <p>5.MD 3 5.MD 5</p>	<p>CC.5.R.I. 2 CC.5.R.I. 3 CC.5.R.I. 4 CC.5.R.I. 7 CC.5.R.I. 8 CC.5.R.I. 10</p> <p>CC.5.F 3 CC.5.F 4 CC.5.R.F 4.a</p> <p>CC.5.W.1.b CC.5.W. 2 CC.5.2.d CC.5.W. 4 CC.5.W. 9.b CC.5.W. 10</p> <p>CC.5.SL. 1 CC.5.SL. 1.a CC.5.SL. 1.b CC.5.SL. 1.c CC.5.SL. 1.d CC.5.SL. 2 CC.5.SL. 3 CC.5.SL. 4</p> <p>CC.5.L. 1 CC.5.L. 2 CC.5.L.3</p>	<p><u>I. DIMENSION 1:</u></p> <p>All the science and engineering practices under this dimension are taught in the mission.</p> <p><u>II. DIMENSION 2:</u></p> <p>All seven crosscutting science and engineering concepts are taught in the mission.</p> <p><u>III. DIMENSION 3:</u></p> <p>PS 1.B PS 2.A PS 2.B PS 2.C PS 3.B PS 3.C PS 4.C LS 1.A LS 1.C LS 2.B</p>

<p>6TH GRADE</p>	<p><u>I. PROCESS STANDARDS:</u> All the process standards (the nature of science and the design process) are taught in the mission.</p> <p><u>II. CONTENT STANDARDS:</u> 6.1.2 6.1.4 6.1.5 6.1.7 6.2.2 6.2.3 6.2.4</p>	<p>11.A.3a 11.A.3b 11.A.3c 11.A.3d 11.A.3e 11.A.3f 11.A.3g 11.B.1a 11.B.1c 11.B.1d 11.B.1e 11.B.1f 12.A.3c 12.C.3a 12.D.3a 12.D.3b 12.E.3a 12.E.3b 12.E.3c</p>	<p>19.A.3 20.B.3a 21.A.3a 21.A.3b 21.A.3c 21.B.1 22.C.3a 22.C.3b 23.A.3</p>	<p>6.NS.2 6.NS.3 6.EE.1 6.SP.3 6.SP.5a 6.SP.5b 6.SP.5c 6.SP.5d</p>	<p>CC.6.R.I.1 CC.6.R.I.2 CC.6.R.I.3 CC.6.R.I.4 CC.6.R.I.5 CC.6.R.I.6 CC.6.R.I.10 CC.6.W.1.c CC.6.W.2 CC.6.2.b CC.6.W.2.d CC.6.W.4 CC.6.W.9 CC.6.W.9.b CC.6.W.10 CC.6.SL.1 CC.6.SL.1.a CC.6.SL.1.b CC.6.SL.1.c CC.6.SL.1.d CC.6.SL.2 CC.6.SL.4</p>	<p>LS.4.A ESS 1.A ESS 1.B ESS 1.C ESS 2.A ESS 2.D ESS 2.E ESS 3.A ETS 1.A ETS 1.B ETS 1.C ETS 2.A</p>	<p><u>I. DIMENSION 1:</u> All the science and engineering practices under this dimension are taught in the mission.</p> <p><u>II. DIMENSION 2:</u> All seven crosscutting science and engineering concepts are taught in the mission.</p> <p><u>III. DIMENSION 3:</u> PS 2.A PS 2.B PS 2.C PS 3.A</p>
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6.3.2	12.F.3a	19.A.3	7.EE.3	CC.6.L.1	PS 3.C
6.3.3	12.F.3b	20.B.3a	7.G.6	CC.6.L.2	PS 4.B
6.3.4	12.F.3c	21.A.3a		CC.6.L.3	PS 4.C
6.3.5		21.A.3b		CC.6.L.4	LS 1.C
6.4.1	13.A.3c	21.A.3c		CC.6.L.6	LS 4.A
6.4.2	13.B.3a	21.B.1			ESS 1.A
	13.B.3b	22.C.3a			ESS 1.B
	13.B.3c	22.C.3b			ESS 1.C
	13.B.3d	23.A.3			ESS 2.A
	13.B.3e				ESS 2.D
	13.B.3f				ESS 2.E
					ESS 3.D
					ETS 1.A
					ETS 1.B
					ETS 1.C
7TH GRADE	<u>I. PROCESS STANDARDS:</u> All the process standards (the nature of science and the design process) are taught in the mission.	11.A.3a 11.A.3b 11.A.3c 11.A.3d 11.A.3e 11.A.3f 11.A.3g 11.B.1a 11.B.1c 11.B.1d 11.B.1e 11.B.1f 12.A.3c 12.C.3a 12.D.3a 12.D.3b	7.EE.3 7.G.6	CC.7.R.I.1 CC.7.R.I.2 CC.7.R.I.3 CC.7.R.I.4 CC.7.R.I.5 CC.7.R.I.7 CC.7.R.I.10 CC.7.W.2 CC.7.W.4 CC.7.W.9 CC.7.W.9.b CC.7.W.10 CC.7.SL.1 CC.7.SL.1.a CC.7.SL.1.b CC.7.SL.1.c CC.7.SL.1.d CC.7.SL.2	<u>I. DIMENSION 1:</u> All the science and engineering practices under this dimension are taught in the mission. <u>II. DIMENSION 2:</u> All seven crosscutting science and engineering concepts are taught in the mission. <u>III. DIMENSION 3:</u>
	<u>II. CONTENT STANDARDS:</u> 7.1.5 7.1.6 7.1.7				

	<p>7.2.2 7.2.5 7.2.6</p> <p>7.4.4</p>	<p>12.E.3a 12.E.3b 12.E.3c</p> <p>12.F.3a 12.F.3b 12.F.3c</p> <p>13.A.3c</p> <p>13.B.3a 13.B.3b 13.B.3c 13.B.3d 13.B.3e 13.B.3f</p>			<p>CC.7.SL.4 CC.7.SL.6</p> <p>CC.7.L.1 CC.7.L.2 CC.7.L.3 CC.7.L.4 CC.7.L.6</p> <p>LS 1.C LS 4.A</p> <p>ESS 1.A ESS 1.B ESS 1.C ESS 2.A ESS 2.D ESS 2.E ESS 3.D</p> <p>ETS 1.A ETS 1.B ETS 1.C</p>	<p>PS 2.A PS 2.B PS 2.C PS 3.A PS 3.C PS 4.B PS 4.C</p>
<p>8TH GRADE</p>	<p><u>I. PROCESS STANDARDS:</u> All the process standards (the nature of science and the design process) are taught in the mission.</p> <p><u>II. CONTENT STANDARDS:</u></p>	<p>11.A.3a 11.A.3b 11.A.3c 11.A.3d 11.A.3e 11.A.3f 11.A.3g</p> <p>11.B.1a 11.B.1c 11.B.1d 11.B.1e 11.B.1f</p>	<p>19.A.3</p> <p>20.B.3a</p> <p>21.A.3a 21.A.3b 21.A.3c</p> <p>21.B.1</p> <p>22.C.3a 22.C.3b</p> <p>23.A.3</p>	<p>8.F.2 8.F.5</p> <p>8.SP.2 8.SP.4</p>	<p>CC.8.R.I.1 CC.8.R.I.2 CC.8.R.I.3 CC.8.R.I.4 CC.8.R.I.5 CC.8.R.I.10</p> <p>CC.8.W.2 CC.8.W.2b CC.8.W.2d CC.8.W.4 CC.8.W.9 CC.8.W.9.b CC.8.W.10</p>	<p><u>I. DIMENSION 1:</u> All the science and engineering practices under this dimension are taught in the mission.</p> <p><u>II. DIMENSION 2:</u> All seven crosscutting science and</p>

	<p>8.2.4 8.2.6</p> <p>8.4.1 8.4.2 8.4.3</p>	<p>12.A.3c</p> <p>12.C.3a</p> <p>12.D.3a 12.D.3b</p> <p>12.E.3a 12.E.3b 12.E.3c</p> <p>12.F.3a 12.F.3b 12.F.3c</p> <p>13.A.3c</p> <p>13.B.3a 13.B.3b 13.B.3c 13.B.3d 13.B.3e 13.B.3f</p>		<p>CC.8.SL.1 CC.8.SL. 1.a CC.8.SL. 1.b CC.8.SL. 1.c CC.8.SL. 1.d CC.8.SL. 2 CC.8.SL. 4 CC.8.SL.6</p> <p>CC.8.L. 1 CC.8.L. 2 CC.8.L. 3 CC.8.L. 4 CC.8.L. 6</p>	<p>engineering concepts are taught in the mission.</p> <p><u>III. DIMENSION 3:</u></p> <p>PS 2.A PS 2.B PS 2.C PS 3.A PS 3.C PS 4.B PS 4.C</p> <p>LS 1.C LS 4.A</p> <p>ESS 1. A ESS 1.B ESS 1.C ESS 2.A ESS 2.D ESS 2.E ESS 3.D</p> <p>ETS 1.A ETS 1.B ETS 1.C</p>
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